Docket No. AT9-98-920

ABSTRACT OF THE DISCLOSURE

5   **METHOD AND APPARATUS FOR CONVERTING PROGRAMS AND SOURCE CODE FILES WRITTEN IN A PROGRAMMING LANGUAGE TO EQUIVALENT MARKUP LANGUAGE FILES**

       A method and apparatus for converting programs and
10 source code files written in a programming language to
equivalent markup language files is provided. The
conversion may be accomplished by a static process or by
a dynamic process. In a static process, a programming
source code file is converted by an application to a
15 markup language file. A document type definition file
for a markup language is parsed; a source code statement
from a source code file is parsed; an element defined in
the document type definition file is selected based on an
association between the element and an identifier of a
20 routine in the source code statement; and the selected
element is written to a markup language file. In a
dynamic process, the program is executed to generate the
markup language file that corresponds to the source code
file or presentation steps of the program. The
25 application program is executed; a document type
definition file for a markup language is provided as
input; an element defined in the document type definition
file is selected based on a routine called by the
application program; and the selected element is written
30 to a markup language file.